

## WHAT IS CLAIMED IS:

1. An image processing apparatus for executing a predetermined image processing operation with respect to digital image data so as to output both of first image data used to produce a photo-print and second image data used to produce an image file in accordance with said digital image data, comprising:

a printing magnification determining device for determining printing magnification used when said photo-print is outputted in such a manner that a printing size is inscribed in a standard scanning area which is previously defined based upon longitudinal/transverse sizes every sort of an original, said printing size being selected from a plurality of printing sizes which are defined based upon longitudinal/transverse sizes; and

a digitizing magnification determining device for determining digitizing magnification used when said image file is outputted in such a manner that an image file size which is previously defined based upon longitudinal/transverse pixel numbers every sort of the original is inscribed in said standard scanning area.

2. The image processing apparatus as claimed in claim 1, further comprising:

an image display device for displaying at least an image within an area to be printed out; and

a printing magnification changing device for changing said printing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image within the area is cut out in said displayed image by an operator, said printing magnification is changed.

3. The image processing apparatus as claimed in claim 1, further comprising:

an image display device for displaying at least an image within an area to be printed out;

a printing magnification changing device for changing said printing magnification; and

a digitizing magnification changing device for changing said digitizing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is

4. An image processing apparatus for executing a predetermined image processing operation with respect to digital image data so as to output both of first image data used to produce a photo-print and second image data used to produce an image file in accordance with said digital image data, comprising:

a digitizing magnification determining device for determining digitizing magnification used when said image

file is outputted in such a manner that an image file size which is previously defined based upon longitudinal/transverse pixel numbers every sort of the original is circumscribed about said standard scanning area.

5. The image processing apparatus as claimed in claim 4, further comprising:

an image display device for displaying at least an image within an area to be printed out; and

a printing magnification changing device for changing said printing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image within the area is cut out in said displayed image by an operator, said printing magnification is changed.

6. The image processing apparatus as claimed in claim 4, further comprising:

an image display device for displaying at least an image within an area to be printed out;

a printing magnification changing device for changing

said printing magnification; and

a digitizing magnification changing device for changing said digitizing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image of the area is cut out in said displayed image by an operator, said printing magnification is changed as well as said determined digitizing magnification is changed at the same ratio as said changed printing magnification.

7. An image forming apparatus comprising:

an image reading unit for reading an image of an original in a photoelectrical manner to input the read image as digital image data;

an image processing unit for executing a predetermined image processing operation with respect to the input digital image data;

a print outputting unit for outputting first image data processed by said image processing unit as a photo-print; and

an image file outputting unit for outputting second image data processed by said image processing unit as an

both of said photo-print and said image file are  
outputted ; and

said image processing unit for outputting both of the first image data used to produce the photo-print and the second image data used to produce the image file in accordance with said digital image data, comprises:

a printing magnification determining device for determining printing magnification used when said photo-print is outputted in such a manner that a printing size is inscribed in a standard scanning area which is previously defined based upon longitudinal/transverse sizes every sort of the original, said printing size being selected from a plurality of printing sizes which are defined based upon longitudinal/transverse sizes; and

a digitizing magnification determining device for determining digitizing magnification used when said image file is outputted in such a manner that an image file size which is previously defined based upon longitudinal/transverse pixel numbers every sort of the original is inscribed in said standard scanning area.

8. The image forming apparatus as claimed in claim 7, wherein said image processing unit further comprises:

an image display device for displaying at least an image within an area to be printed out; and

a printing magnification changing device for changing said printing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image within the area is cut out in said displayed image by an operator, said printing magnification is changed.

9. The image forming apparatus as claimed in claim 7 wherein said image processing unit further comprises:

an image display device for displaying at least an image within an area to be printed out;

a printing magnification changing device for changing said printing magnification; and

a digitizing magnification changing device for changing said digitizing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is

displayed on said image display device and also said image of the area is cut out in said displayed image by an operator, said printing magnification is changed as well as said determined digitizing magnification is changed at the same ratio as said changed printing magnification.

10. An image forming apparatus comprising:

an image reading unit for reading an image of an original in a photoelectrical manner to input the read image as digital image data;

an image processing unit for executing a predetermined image processing operation with respect to the input digital image data;

a print outputting unit for outputting first image data processed by said image processing unit as a photo-print; and

an image file outputting unit for outputting second image data processed by said image processing unit as an image file; wherein:

both of said photo-print and said image file are  
outputted ; and

said image processing unit for outputting both of the first image data used to produce the photo-print and the



second image data used to produce the image file in accordance with said digital image data, comprises:

a printing magnification determining device for determining printing magnification used when said photo-print is outputted in such a manner that a printing size is inscribed in a standard scanning area which is previously defined based upon longitudinal/transverse sizes every sort of the original, said printing size being selected from a plurality of printing sizes which are defined based upon longitudinal/transverse sizes; and

a digitizing magnification determining device for determining digitizing magnification used when said image file is outputted in such a manner that an image file size which is previously defined based upon longitudinal/transverse pixel numbers every sort of the original is circumscribed about said standard scanning area.

11. The image forming apparatus as claimed in claim 10, wherein said image processing unit further comprises:

an image display device for displaying at least an image within an area to be printed out; and

a printing magnification changing device for changing

said printing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image within the area is cut out in said displayed image by an operator, said printing magnification is changed.

12. The image forming apparatus as claimed in claim 10 wherein said image processing unit further comprises:

an image display device for displaying at least an image within an area to be printed out;

a printing magnification changing device for changing said printing magnification; and

a digitizing magnification changing device for changing said digitizing magnification; and wherein:

in such a case that the image within the area which is printed at said determined printing magnification is displayed on said image display device and also said image of the area is cut out in said displayed image by an operator, said printing magnification is changed as well as said determined digitizing magnification is changed at the same ratio as said changed printing magnification.